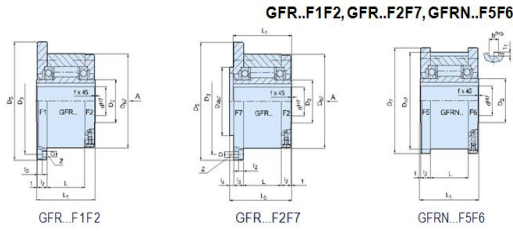


GFR..F2F3/F3F4

Types GFR..F2F3/F3F4 are roller type freewheels, self-contained, sealed and bearing supported, using two 160... series bearings.

They use the GFR base module. Units must be oil lubricated before use if they are delivered disassembled and in any case for the F3F4 combination. These cover combinations are primarily used as backstops, as shown overleaf. The F3 cover acts as a torque arm and has an integrated stop bolt. The stop bolt should go into a slot in a fixed part of the machine. The stop bolt must have a radial clearance of 1-3 % of the bolt's diameter. The torque arm and bearings must not be pre-stressed in any way. F2 and F4 covers are used to close the unit. They are equipped with 3 screws for oil filling, drain and level. If using cover type F4, shaft end plate and its screw must be sealed to avoid oil leakage through the keyway. Covers are easily fitted, allowing on site selection of -rotation direction. If requested units can be delivered -assembled and lubricated for the F2F3 combination.

Freewheel Clutch Bearings: GFR..F1F2 Series



Motion(shanghai)Industrial Development Co.,Ltd

Type	Size	Overrunning speeds				Number							Keyway outer race							Weight		
		d H7 [mm]	TKN ¹⁾ [Nm]	n_{max} ²⁾ [min ⁻¹]	n_{amax} ³⁾ [min ⁻¹]	d h7 [mm]	D5 [mm]	D7 [mm]	D3 [mm]	d 4 h7 [mm]	o [mm]	i_2 [mm]	z	L1 [mm]	L5 [mm]	L [mm]	i_2 [mm]	i_3 [mm]	i_4 [mm]	t_t [mm]	P_{10} [mm]	f [mm]
GFR..F1F2 2 GFR..F2F7 7 GFRN..F5F6 F6	12	55	3100	4700	62	85	70	72	42	5,5	5,7	3	42	44	20	10	10	3	2,5	4	0,5	1,2
2	15	125	2800	4400	68	92	76	78	47	5,5	5,7	3	52	54	28	11	11	3	3	5	0,8	1,6
2	20	181	2400	4100	75	98	84	85	55	5,5	5,7	4	57	59	34	10,5	10,5	3	3,5	6	0,8	1,9
2	25	288	1600	3800	90	118	99	104	68	6,6	6,8	4	60	62	35	11,5	11,5	3	4	8	1,0	2,9
2	30	500	1300	2800	100	128	109	114	75	6,6	6,8	6	68	70	43	11,5	11,5	3	4	8	1,0	3,9
2	35	725	1200	2600	110	140	119	124	80	6,6	6,8	6	74	76	45	13,5	13	3,5	5	10	1,0	4,9
2	40	1025	850	2300	125	160	135	142	90	9	9	6	86	88	53	15,5	15	3,5	5	12	1,5	7,5
2	45	1125	740	2200	130	165	140	146	95	9	9	8	86	88	53	15,5	15	3,5	5,5	14	1,5	7,8
2	50	2125	580	1950	150	185	160	166	110	9	9	8	94	96	64	14	13	4	5,5	14	1,5	10,8
2	55	2625	550	1800	160	204	170	182	115	11	11	8	104	106	66	18	17	4	6	16	2,0	14,0
2	60	3500	530	1700	170	214	182	192	125	11	11	10	114	116	78	17	16	4	7	18	2,0	16,8
2	70	5750	500	1600	190	234	202	212	140	11	11	10	134	136	95	18,5	17,5	4	7,5	20	2,5	20,8
2	80	8500	480	1500	210	254	222	232	160	11	11	10	144	146	100	21	20	4	9	22	2,5	27,0
2	90	14500	420	1300	230	278	242	254	180	14	13	10	158	160	115	20,5	19	4,5	9	25	3,0	40,0
2	100	20000	310	1100	270	335	282	305	210	18	17,5	10	182	184	120	30	28	5	10	28	3,0	67,0
2	130	31250	220	900	310	380	322	345	240	18	17,5	12	212	214	152	29	27	5	11	32	3,0	94,0
2	150	70000	170	700	400	485	412	445	310	22	21,5	12	246	248	180	32	30	5	12	36	4,0	187,0

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